

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| S1 | 753173 | star drum | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 10:43 |
| S2 | 19 | star adj drum | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/07 09:03 |
| S3 | 14 | US-1909924-\$.DID. OR US-1996002-\$.DID. OR US-1999223-\$.DID. OR US-1999224-\$.DID. OR US-2013508-\$.DID. OR US-2809640-\$.DID. OR US-3030963-\$.DID. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/07 09:22 |

EAST Search History

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| S4 | 45 | US-3288147-\$.DID. OR US-3308600-\$.DID. OR US-3915176-\$.DID. OR US-4077415-\$.DID. OR US-4146040-\$.DID. OR US-4236535-\$.DID. OR US-4237907-\$.DID. OR US-4280187-\$.DID. OR US-4281670-\$.DID. OR US-4291713-\$.DID. OR US-4340074-\$.DID. OR US-4361156-\$.DID. OR US-4431010-\$.DID. OR US-4452259-\$.DID. OR US-4474190-\$.DID. OR US-4480650-\$.DID. OR US-4489738-\$.DID. OR US-4500770-\$.DID. OR US-4508525-\$.DID. OR US-4565202-\$.DID. OR US-4574816-\$.DID. OR US-4583558-\$.DID. OR US-4600027-\$.DID. OR US-4607647-\$.DID. OR US-4615345-\$.DID. OR US-4736754-\$.DID. OR US-4739775-\$.DID. OR US-4781203-\$.DID. OR US-4781204-\$.DID. OR US-4807809-\$.DID. OR US-4825883-\$.DID. OR US-4827947-\$.DID. OR US-4836224-\$.DID. OR US-4841993-\$.DID. OR US-4844100-\$.DID. OR US-4878506-\$.DID. OR US-4889140-\$.DID. OR US-4889145-\$.DID. OR US-4920990-\$.DID. OR US-4924888-\$.DID. OR US-5012823-\$.DID. OR US-5012829-\$.DID. OR US-5025814-\$.DID. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/07 09:20 |
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EAST Search History

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| S5 | 41 | US-5056537-\$.DID. OR US-5060665-\$.DID. OR US-5060668-\$.DID. OR US-5060675-\$.DID. OR US-5074320-\$.DID. OR US-5101839-\$.DID. OR US-5105834-\$.DID. OR US-5105838-\$.DID. OR US-5156169-\$.DID. OR US-5159942-\$.DID. OR US-5191906-\$.DID. OR US-5220930-\$.DID. OR US-5261423-\$.DID. OR US-5263999-\$.DID. OR US-5271419-\$.DID. OR US-5360023-\$.DID. OR US-5417228-\$.DID. OR US-5450863-\$.DID. OR US-5474095-\$.DID. OR US-6595218-\$.DID. OR US-5690125-\$.DID. OR US-5715844-\$.DID. OR US-5718250-\$.DID. OR US-5878753-\$.DID. OR US-5878754-\$.DID. OR US-6198537-\$.DID. OR US-6285006-\$.DID. OR US-6526985-\$.DID. OR US-6532966-\$.DID. OR US-6537186-\$.DID. OR US-6606999-\$.DID. OR US-6360751-\$.DID. OR US-6631722-\$.DID. OR US-6647878-\$.DID. OR US-6675811-\$.DID. OR US-6684781-\$.DID. OR US-6725867-\$.DID. OR US-6758906-\$.DID. OR US-6789548-\$.DID. OR US-6837248-\$.DID. OR US-6854469-\$.DID. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/07 09:21 |
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EAST Search History

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|-----|-----|---|---|----|-----|------------------|
| S15 | 48 | (("20020020420") or ("20020000235") or ("20020014453") or ("20020020420") or ("20020092621") or ("20020166563") or ("20030075193") or ("20030131859") or ("20030131860") or ("20030136419") or ("20030145866") or ("20030145869") or ("20030150466") or ("20030154993") or ("20030168070") or ("20030172942") or ("20030205235") or ("20040129281") or ("20040231685") or ("20040255965") or ("20040261807") or ("20040084056") or ("20050028832") or ("20050076929") or ("20050103355")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/07 09:28 |
| S20 | 1 | US-4583558-\$.DID. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/07 09:34 |
| S21 | 1 | "20050103355" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/07 09:35 |
| S22 | 1 | US-4111740-\$.DID. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/07 09:34 |
| S23 | 125 | (S3) (S4) (S5) (S15) (S20) (S21) (S22) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/18 14:33 |

EAST Search History

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| S24 | 146 | ("1909924" "1996002" "1999223" "0103355" "0129281" "0131859" "0131860" "0134619" "0014453" "0145866" "0148569" "0150466" "0154993" "0166563" "0168070" "0172942" "2013508" "2809640" "0020420" "0205235" "0231685" "0000235" "0255965" "0261807" "0028832" "3030963" "3288147" "3308600" "3915176" "4077415" "4146040" "4236535" "4237907" "4280187" "4281670" "4291713" "4340074" "4361156" "4431010" "4452259" "4474190" "4480650" "4489738" "4500770" "4508525" "4565202" "4574816" "4583558" "4600027" "4607647" "4615345" "4736754" "4739775" "4781203" "4781204" "4807809" "4825883" "4827947" "4836224" "4841993" "4844100" "4878506" "4889140" "4889145" "4920990" "4924888" "5012823" "5012829" "5025814" "5056537" "5060665" "5060668" "5060675" "5074320" "5101839" "5105834" "5105838" "5156169" "5159942" "5191906" "5220930" "5261423" "5263999" "5271419" "5360023" "5417228" "5450863" "5474095" "5690125" "5715844" "5718250" "5878753" "5878754" "6198537" "6285006" "6360751" "6526985" "6532966" "6537186" "6595218" "6606999" "6631722" "6647878" "6675811" "6684781" "6725867" "6758906" "6789548" "6837248" "6854469" "0075193" "0076929" "0084056" "0092621").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/07 10:36 |
| S25 | 2 | ("20050103355" "4583558").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/07 10:37 |
| S26 | 1 | ("4111740").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/07 10:37 |
| S27 | 148 | (S24) (S25) (S26) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/07 12:50 |
| S28 | 40194 | cigarette or cigar and ((roll with drum) or (star same drum)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/07 13:26 |
| S29 | 40180 | cigarette or cigar and ((roll with drum) or (star with drum)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/07 13:27 |

EAST Search History

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|-----|-----|---|---|----|----|------------------|
| S30 | 550 | (cigarette or cigar) and ((roll with drum) or (star with drum)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/07 13:28 |
| S31 | 401 | (cigarette or cigar) and ((roll with drum) or (star with drum)) and apparatus | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/07 13:29 |
| S32 | 150 | (cigarette or cigar) and ((roll with drum) or (star with drum)) and apparatus and (wrap or tipping) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/07 13:29 |
| S33 | 144 | 131/284.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/08 08:01 |
| S34 | 0 | "10682582" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/08 13:03 |
| S35 | 2 | "20050076929" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/08 13:03 |
| S36 | 303 | cigarette and die and ink | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 11:52 |
| S37 | 131 | cigarette and die and ink and roller | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 11:52 |
| S38 | 25 | cigarette and die same ink and roller | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 11:52 |

EAST Search History

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| S39 | 185 | "131".clas. and print | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 13:33 |
| S40 | 15 | "131".clas. and print same die | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 13:39 |
| S41 | 25 | "131".clas. and print same cylinder | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 13:39 |
| S42 | 2371 | rotational with print | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 14:05 |
| S44 | 243 | rotational with print same cylinder | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 14:06 |
| S46 | 161 | rotational with print same cylinder and ink | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 14:15 |
| S48 | 8030 | bottle printer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/09/12 14:15 |
| S50 | 310 | bottle printer star | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/09/12 14:16 |

EAST Search History

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| S51 | 1 | bottle with printer same star | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 14:18 |
| S52 | 929 | bottle with printer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 14:18 |
| S53 | 33 | bottle with printer and die | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 14:18 |
| S54 | 7 | ("3538845").URPN. | USPAT | OR | ON | 2006/09/12 14:34 |
| S55 | 18 | ("2882818" "3139824" "3249044" "3533353" "3538845" "3874289" "3897725" "4051775" "4111118").PN. OR ("4304180"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/12 14:38 |

EAST Search History

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|-----|-----|---|---|----|----|------------------|
| S56 | 146 | ("1909924" "1996002" "1999223" "0103355" "0129281" "0131859" "0131860" "0134619" "0014453" "0145866" "0148569" "0150466" "0154993" "0166563" "0168070" "0172942" "2013508" "2809640" "0020420" "0205235" "0231685" "0000235" "0255965" "0261807" "0028832" "3030963" "3288147" "3308600" "3915176" "4077415" "4146040" "4236535" "4237907" "4280187" "4281670" "4291713" "4340074" "4361156" "4431010" "4452259" "4474190" "4480650" "4489738" "4500770" "4508525" "4565202" "4574816" "4583558" "4600027" "4607647" "4615345" "4736754" "4739775" "4781203" "4781204" "4807809" "4825883" "4827947" "4836224" "4841993" "4844100" "4878506" "4889140" "4889145" "4920990" "4924888" "5012823" "5012829" "5025814" "5056537" "5060665" "5060668" "5060675" "5074320" "5101839" "5105834" "5105838" "5156169" "5159942" "5191906" "5220930" "5261423" "5263999" "5271419" "5360023" "5417228" "5450863" "5474095" "5690125" "5715844" "5718250" "5878753" "5878754" "6198537" "6285006" "6360751" "6526985" "6532966" "6537186" "6595218" "6606999" "6631722" "6647878" "6675811" "6684781" "6725867" "6758906" "6789548" "6837248" "6854469" "0075193" "0076929" "0084056" "0092621").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/18 10:35 |
| S57 | 21 | "131".clas. and brush same coat | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/18 15:28 |
| S58 | 2 | "3,093,143".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/18 15:29 |
| S59 | 638 | 131/94.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/23 09:57 |

EAST Search History

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| S60 | 24 | (US-4103692-\$ or US-1999224-\$ or US-2809640-\$ or US-1996002-\$ or US-2013508-\$ or US-5630432-\$ or US-5249587-\$ or US-0989787-\$ or US-0596564-\$ or US-0394987-\$ or US-0353054-\$ or US-0224967-\$ or US-4781204-\$ or US-4781203-\$ or US-4619278-\$ or US-4583558-\$ or US-0426133-\$ or US-4889050-\$). did. or (US-2809639-\$ or US-2446618-\$ or US-0224967-\$ or US-2581309-\$ or US-3030963-\$ or US-3538845-\$).did. | USPAT; USOCR | OR | ON | 2007/04/23 09:03 |
| S61 | 1 | "20050103355" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/23 09:07 |
| S62 | 1 | 10/713569.app. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/23 09:07 |
| S63 | 12 | ("4583558" "4492238" "3093143" "4111740").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/23 09:14 |
| S64 | 34462 | "131"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/23 09:57 |
| S65 | 831 | S64 and (additive same (appl\$4 or print\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/23 09:58 |
| S66 | 77 | S64 and (additive same (appl\$4 or print\$3) same band) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/24 08:49 |
| S71 | 1 | ((apply applying application printing) and roll adj drum and cigarette).clm. | US-PGPUB | OR | ON | 2007/04/24 09:37 |
| S72 | 6 | ((apply applying application printing) and roll adj drum).clm. | US-PGPUB | OR | ON | 2007/04/24 09:37 |

EAST Search History

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| S73 | 147 | 131/284.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/24 09:49 |
| S74 | 8 | "4111740" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/30 13:22 |
| S75 | 4 | "3093143".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/30 13:24 |
| S76 | 2 | "4492238".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/30 13:24 |
| S77 | 1 | (cigarette and (roll adj drum) and (roll adj block) and (print or printing or apply or additive) and (recess or recesses)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 10:44 |
| S78 | 0 | (cigarette and (roll adj drum) and (roll adj block) and (print or printing or apply or additive) and (recess or recesses) and (second and print)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 10:45 |
| S79 | 8 | "4111740" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/22 14:26 |
| S80 | 8 | "4492,238" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/21 15:05 |

EAST Search History

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|-----|-----|---|---|----|----|------------------|
| S81 | 0 | "4,492,238".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/21 15:05 |
| S82 | 2 | "4,492,238".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/21 15:07 |
| S83 | 2 | "6984274".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/22 11:17 |
| S84 | 2 | "5979459".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 10:49 |
| S85 | 572 | laser adj perforation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 10:49 |
| S86 | 142 | laser adj perforation same cigarette | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 10:49 |
| S87 | 4 | laser adj perforation same cigarette same rotate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/23 10:50 |